

Students of Class VI, VII, VIII, IX, X and XI & XII (Science)

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**SAMPLE TEST PAPER**  
for  
**CLASS VI**

Knowledge Partners:



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Campus Chandigarh : SCO No.-350-351-352, Sector 34A, Tel. 0172-4622029

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**INSTRUCTIONS**

**Time duration:** 1:00 hours. (Time of OMR filling is included in time duration).

**Maximum Marks: 120**

**This Paper contains 30 questions divided in two sections**

**Section-A**                      **Mental Aptitude**                      **10 questions**                      **40 marks**

**Section-B**                      **Scholastic Aptitude**                      **20 questions**                      **80 marks**

Each Question has a single correct answer. There is **NEGATIVE MARKING** for wrong answers.


**Marking Scheme:**

**+4 marks for correct answer; -1 mark for incorrect answer**

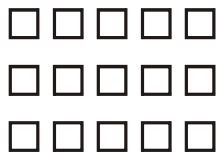
**SECTION-A (MAT)**  
**MENTAL APTITUDE**


1. What will be the 16th shape in the pattern given ?



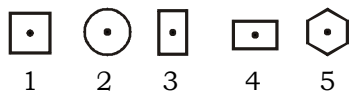
- (a)                       (b)                       (c)                       (d) 

2. Which of the following gives us the sum of area of given squares ?



[1  = 15 q. unit]

- (a)  $5 \times 5 \times 5$                       (b)  $5 \times 3$                       (c)  $5 + 5 + 3 + 3$                       (d)  $3 \times 3 \times 3$
3. Aditya had to wait 96 hours between coats of paint. How many days did he have to wait?  
(a) 4 days                      (b) 5 days                      (c) 6 days                      (d) 2 days
4. Which one of the designs is least like the other four ?

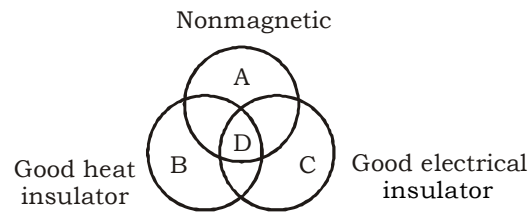


- (a) 2                      (b) 5                      (c) 3                      (d) 1
5. Which number is on the face opposite 6 ?

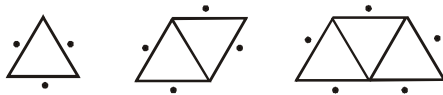


- (a) 1                      (b) 2                      (c) 3                      (d) 4

6. Study the venn diagram given here. Which group does glass belong to ?



- (a) A                      (b) B                      (c) C                      (d) D
7. 3 people sit around a triangular table. 4 people sit around two such tables. Number of people that can sit around 100 such table is



- (a) 105                      (b) 102                      (c) 107                      (d) 108
8. In the following question, four of the following five are alike in a certain way and 50 form a group. Which is the one that does not belong to that group ?
- (a) Asia                      (b) Europe                      (c) Australia                      (d) Canada
9. In the following question, five groups of letters are given. Four of them are alike in a certain way while one is different. Choose the odd one.
- (a) VT                      (b) MO                      (c) PR                      (d) FG
10. Choose the numeral pair which is different from others
- (a) 42 - 4                      (b) 36 - 6                      (c) 32 - 2                      (d) 15 - 5

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**SECTION-B (SAT)**  
**SCHOLASTIC APTITUDE TEST**

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11. How many 4-digit numbers are there ?  
(a) 99 (b) 8999 (c) 9999 (d) 90000
12. A prime number is the number which  
(a) has exactly one factor (b) has exactly two factors  
(c) is not divisible by 2 (d) is not divisible by 3
13. The HCF and LCM of two numbers are 13 and 845 respectively. If one of the numbers is 65, the other one is  
(a) 91 (b) 104 (c) 117 (d) 169
14. What least value should be given to \* so that the number is  $653*47$  is divisible by 11 ?  
(a) 1 (b) 2 (c) 6 (d) 9
15. The longest tape which can be used to measure the lengths 7 metres, 3 metres 85 cm and 12 metres 95 cm has a length of  
(a) 15 cm (b) 25 cm (c) 35 cm (d) 42 cm
16. The area of a room is  $72\text{m}^2$  and its length is 9m 60 cm. The breadth of the room is  
(a) 6 m 60 cm (b) 7m 50 cm (c) 8 m (d) none of these
17. A tricycle was sold for Rs 873 at a loss of 3%. Its costprice is  
(a) Rs 846.81 (b) Rs 899.19 (c) Rs 927 (d) Rs 900
18. One of the base angles of an isosceles triangle is  $68^\circ$ . The verticle angle is  
(a)  $34^\circ$  (b)  $44^\circ$  (c)  $22^\circ$  (d)  $51^\circ$
19. How many circles can be drawn to pass through three non-collinear points ?  
(a) one (b) two (c) three (d) infinle
20. If an examination, 96% of the candidates passed and 60 failed. How many candidates appeared ?  
(a) 576 (b) 1500 (c) 1560 (d) 960
21. Which of the following seeds can be eaten raw and are beneficial for health?  
(a) sprouted seeds of moong (b) mustard seeds  
(c) papaya seeds (d) apple seeds
22. Sources of balanced diet are  
(a) Vitamins and Minerals (b) Carbohydrates and Proteins  
(c) Both (a) and (b) (d) None of these
23. Hair and nails are made up of  
(a) Calcium (b) Protein (c) Carbohydrate (d) Fats
24. The process by which jute fibre is obtained from the bark of jute plant is called  
(a) Combing (b) Retting (c) Spinning (d) Weaving

25. Removing of wool from sheep is called  
(a) Ginning (b) Sevicutting (c) Shearing (d) Cutting
26. The method used to separate a solid from a liquid  
(a) Sublimation (b) Sieving (c) Filtration (d) Sedimentation
27. Formation of biogas from cow dung is  
(a) Slow change (b) Periodic change  
(c) Reversible change (d) Fast change
28. What is used to check the presence of starch ?  
(a) spirit (b) iodine (c) water (d) alcohol
29. The female reproductive part of a flower is  
(a) Pistil (b) Stamen (c) Anther (d) Stigma
30. Which of the following is not correct ?  
(a) Ribcage ions the chestbone and backbone together  
(b) Backone is made up of only one long bone  
(c) Skeleton is the famework of our body  
(d) all of these

*Dream on !!*



**ANSWER KEY****SECTION-A (MAT)  
MENTAL APTITUDE**

- |               |               |               |               |                |
|---------------|---------------|---------------|---------------|----------------|
| <b>1. (b)</b> | <b>2. (b)</b> | <b>3. (a)</b> | <b>4. (a)</b> | <b>5. (a)</b>  |
| <b>6. (d)</b> | <b>7. (b)</b> | <b>8. (d)</b> | <b>9. (d)</b> | <b>10. (a)</b> |

**SECTION-B (SAT)  
SCHOLASTIC APTITUDE TEST**

- |                |                |                |                |                |
|----------------|----------------|----------------|----------------|----------------|
| <b>11. (d)</b> | <b>12. (b)</b> | <b>13. (d)</b> | <b>14. (a)</b> | <b>15. (c)</b> |
| <b>16. (b)</b> | <b>17. (d)</b> | <b>18. (b)</b> | <b>19. (a)</b> | <b>20. (b)</b> |
| <b>21. (a)</b> | <b>22. (c)</b> | <b>23. (b)</b> | <b>24. (b)</b> | <b>25. (c)</b> |
| <b>26. (c)</b> | <b>27. (a)</b> | <b>28. (b)</b> | <b>29. (a)</b> | <b>30. (b)</b> |